

Mouse LAMP1 Monoclonal Antibody | anti-Lysosomal-associated membrane protein 1 antibody

LAMP1 monoclonal antibody (Ly1C6)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76983	Mouse	Human, Rat, Hamster	Western Blot, Immunoprecipitation, Immunofluorescence, Immunocytochemistry

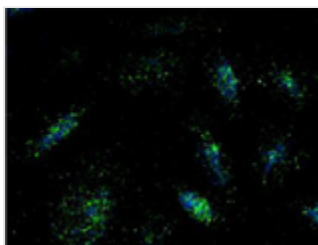
PRODUCT SYNONYMS

LAMP1; Monoclonal Antibody; LAMP1 monoclonal antibody (Ly1C6); anti-Lysosomal-associated membrane protein 1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Hamster
Clonality	Monoclonal
Isotype	IgG1
Clone Number	LY1C6
Purity/Purification	Protein G affinity purified.
Form/Format	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
Sequence Length	407
Applicable Applications for anti-Lysosomal-associated membrane protein 1 antibody	IEM (Immuno-ElectronMicroscopy), WB (Western Blot), IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry)
Source	Purified from ascites.
Immunogen	Rat liver lysosomal membrane preparation.
Preparation and Storage	Long term storage: -20 degree C Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry analysis of CHO K1 cells incubated with LAMP1, mAb (Ly1C6) at 1:100 and goat anti-mouse Alexa 488 secondary antibody (Image provided by Dr. Guy Groblewski, University of Wisconsin-Madison).

ADDITIONAL INFORMATION

Related Product Information for anti-Lysosomal-associated membrane protein 1 antibody	Lysosome-associated membrane proteins (LAMP1 and LAMP2) are type I integral membrane protein that are transported from the trans-Golgi network to endosomes and then lysosomes. Following activation of platelets, T-cells, neutrophils, or endothelium, LAMP1 and LAMP2 are expressed on the cell surface. Cell surface LAMP1 and LAMP2 have been shown to promote adhesion of human peripheral blood mononuclear cells (PBMC) to vascular endothelium, and loss of LAMP2 expression is associated with impaired autophagy observed in Danons disease.
Product Categories/Family for anti-Lysosomal-associated membrane protein 1 antibody	Cell Organelles & Structures

NCBI AND UNIPROT INFORMATION

NCBI GI #	126378
NCBI GeneID	25328
UniProt Accession #	P14562; P97620
NCBI Official Full Name	Lysosome-associated membrane glycoprotein 1
NCBI Official Synonym Full Names	lysosomal-associated membrane protein 1
NCBI Official Symbol	Lamp1
NCBI Official Synonym Symbols	LGP120
NCBI Protein Information	lysosome-associated membrane glycoprotein 1
UniProt Protein Name	Lysosome-associated membrane glycoprotein 1
UniProt Gene Name	Lamp1
UniProt Synonym Gene Names	Lamp-1; LAMP-1; Lysosome-associated membrane protein 1; LGP-120
UniProt Entry Name	LAMP1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/lamp1-antibody-clone-ly1c6-immuno-electronmicroscopy-western-blot-immunoprecipitation-immunofluorescence-immunocytochemistry-elisa/76983>